

4/3/01  
Levi  
3/20/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

**MANABE et al.**

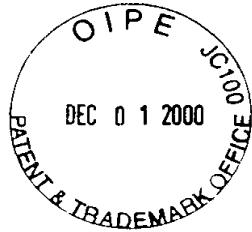
Group Art Unit: 2811

Appln. No.: 09/677,781

Examiner: Tran, M.

Filed: October 2, 2000

Title: LIGHT EMITTING SEMICONDUCTOR  
DEVICE USING GALLIUM NITRIDE GROUP COMPOUND



December 1, 2000

**SECOND PRELIMINARY AMENDMENT**

Honorable Commissioner of  
Patents and Trademarks,  
Washington, DC 20231

Sir:

Please amend the subject application as follows:

**IN THE CLAIMS:**

Kindly amend the claims as follows:

31. (Amended) A method for producing a gallium nitride group compound semiconductor according to claim 19, wherein said conductivity (1/resistivity) is ranging from  $3.3/\Omega\text{cm}$  to  $[1.3 \times 10^2/\Omega\text{cm}]$   $1.3 \times 10^2/\Omega\text{cm}$ .

32. (Amended) A method for producing a gallium nitride group compound semiconductor according to claim 21, wherein said conductivity (1/resistivity) is ranging from  $3.3/\Omega\text{cm}$  to  $[1.3 \times 10^2/\Omega\text{cm}]$   $1.3 \times 10^2/\Omega\text{cm}$ .

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## PATENT APPLICATION

Inventor(s): MANABE, et al.

Appln. No.: 09

Series Code ↑

677,781

Serial No. ↑

Filed: October 2, 2000

Hon. Commissioner of Patents  
Washington, D.C. 20231

Group Art Unit

2811

Examiner:

Tran, M.

Atty. Dkt. PM

273686

F00-219-US-DIV-3

M#

Client Ref

Appln. Title: LIGHT EMITTING SEMICONDUCTOR  
DEVICE USING GALLIUM NITRIDE  
GROUP COMPOUND

Sir:

SECOND PRELIMINARY AMENDMENT

Date: December 1, 2000

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim	For B & C See Required Separate Paper (Pat-256)	
A. <input checked="" type="checkbox"/> NOT made		
B. <input type="checkbox"/> Withdrawn		
C. <input type="checkbox"/> made herewith		
D. <input type="checkbox"/> made previously		

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	100	**minus	100	0	x \$18/\$9 =	+\$0
3. Independent Claims	6	***minus	6	0	x \$80/\$40 =	+\$0
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....		add		+ \$260/\$130 =	+\$0	104/204
5. Original due Date:	<input checked="" type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =				115/215
	(2 mos)	\$390/\$195 =	+ \$0			116/216
	(3 mos)	\$890/\$445 =				117/217
	(Usable only for ≤ 2mo.OA --- 4 mos)	\$1390/\$695=				118/218
	(Usable only for 30 day/1mo.OA --- 5 mos)	\$1890/\$945=				128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0			
8.		Extension Fee Attached	+\$0			
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....		+\$110/\$55	+\$0			148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....	add	+\$180	+\$0			126
or if Rule 97(d) Request .....	add	+\$180	+\$0			126
11. After-Final Request Fee per rules 129(a) and 17(r) .....		+\$710/355	+\$0			146/246
12. No. of additional inventions for examination per Rule 129(b).....		x \$710/355 ea	+\$0			149/249
13. Request for Continued Examination (RCE) .....		+\$710/355	+\$0			1179/1279
14. Petition fee for .....			+\$0			
15.		TOTAL FEE ENCLOSED =	\$0			

16 \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17 \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18 \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975

(Our Order No. 31317 273686

C# M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

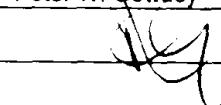
This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Madison & Sutro LLP  
Intellectual Property Group

By Atty: Peter W. Gowdey

Reg. No. 25872

Sig: 

Fax: (202) 822-0944

Tel: (202) 861-3078

1100 New York Avenue, NW  
Nir th Floor  
Washington, DC 20005-3918  
Tel: (202) 861-3000  
Atty/Sec: PWG/WGB

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments